

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,990,642 B2
APPLICATION NO. : 10/634857
DATED : January 24, 2006
INVENTOR(S) : Toshio Arakawa

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Title page Insert [57]

Page, Column 2 (Abstract), Line 6, delete "flip-flops" and insert
- - flip flops - - therefor.

Page, Column 2 (Abstract), Line 10, delete "laid-out" and insert - - laid out - - therefor.

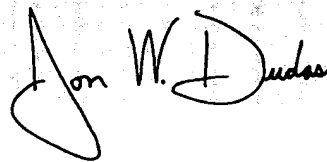
Page, Column 2 (Abstract), Line 13, delete "flip-flops" and insert - - flip flops - -
therefor.

Page, Column 2 (Abstract), Line 15, delete "flip-flops" and insert - - flip flops - -
therefor.

Page, Column 2 (Abstract), Line 17, delete "laid-out" and insert - - laid out - - therefor.

Signed and Sealed this

Fifteenth Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office